

# **APPARATUS, SYSTEM, AND METHOD FOR COMMUNICATING A BINARY CODE IMAGE**

## **ABSTRACT OF THE DISCLOSURE**

An apparatus, system, and method are disclosed for communicating binary data using a self-descriptive binary data structure. The binary data structure also may be referred to as a microcode reconstruct and boot (MRB) image. The binary data structure includes a plurality of data segments, a target data set, and a data structure descriptor. Each of the data segments has a data segment header and data field. The target data set is stored within the data field and may be an executable. The data structure descriptor is descriptive of the binary data structure and identifies the location of the target data set within the data field. The binary data structure is self-descriptive in that the location of an individual target data set may be identified by the data structure descriptor.

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